

1.2310 1573 also 1413, 1496

26487

S/125/61/000/009/012/014

D040/D113

AUTHORS: Ksendzyk, V.G.; Subbotovskiy, V.P.; Shirin, V.S.

TITLE: Preparation of bimetal billets for merchant shapes using electro-slag facing with a wide electrode

PERIODICAL: Avtomaticheskaya svarka, no. 9, 1961, 79-81

TEXT: The Institut elektrosvarki im. Ye.O.Patona (Electric Welding Institute im. Ye.O.Paton) has developed a new method for cladding metal billets with wear-resistant metal prior to final rolling into merchant bar stock. The essence of the method consists in preparing a groove on steel billets, e.g. blooms by rolling, and filling the groove with other metal using the electro-slag process. The arrangement is shown in a diagram (Fig.1). The shoe remains immobile, the billet is moved continually past the shoe, and a massive wide electrode is fed downward. The shoe is sealed by locks, or by graphite (Fig.2) to prevent metal and slag from running out. Only slight bath level fluctuations are permissible, the bloom must move with a speed matching the groove filling. An automatic control system (Fig.3) moves a carriage with the bloom on. The d.c. motor driving the carriage is

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26487  
S/125/61/ccc/ccc/012/014  
DO40/D113

Preparation of bimetal billets ....

fitted with an electrodynamic amplifier, and a feeler on the shoe reacts to the approach of liquid bath level and changes current in the amplifier excitation winding to speed up the carriage. The system is controlled by a voltmeter, a control tube and a rheostat on the control board. The electrod is fed automatically. Three advantages of the method are pointed out: (1) High productivity of the process due to strong current used. (2) Massive square or round electrodes can be used, and they are cheaper than explosive wire, powder wire, ceramic flux etc. (3) Gliding electrode in inclined position is possible with a comparatively simple arrangement, and short electrode that can be used are easy to guide accurately. There are 3 figures.

ASSOCIATION: Ordona Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O.Patona AN USSR (Electric Welding Institute "Order of the Red Banner of Labor" im. Ye.O.Patona AS UkrSSR)

SUBMITTED: May 22, 1961

Card 2/5

DANIL'CHENKO, B.V.; SUBBOTOVSKIY, V.P.

Electric slag buildup welding of certain types of forging dies.  
Avtom.svar. 17 no.1:71-74 Ja '64. (MIRA 17:3)

1. Institut elektrosvarki imeni Patona AN UkrSSR.

ACC NR: AP6036018

(A)

SOURCE CODE: UR/0125/66/000/010/0057/0058

AUTHOR: Subbotovskiy, V. P.; Yeremeyev, V. B.

ORG: Electric Welding Institute im. Ye. O. Paton, AN UkrSSR (Institut elektrosvarki  
AN UkrSSR)

TITLE: Continuous multilayer facing under flux without slag removal

SOURCE: Avtomaticheskaya svarka, no. 10, 1966, 57-58

TOPIC TAGS: metal facing, mechanized facing, continuous facing, multilayer facing,  
metal deposition, slag, electrodepositionABSTRACT: A method of block-sequence, mechanized, multilayer metal facing without  
slag removal is described. In this method, the face metal deposition is achieved  
by continuous reciprocal motion of a consumable electrode under a flux along the  
weld axis with the electrode forward travel ( $a_1$ ) always greater than the backward  
travel ( $a_2$ ). To ensure a constant cross section along the entire length of the  
facing surface, the relationship  $a_2 = a_1(n - 1)/(n + 1)$ , where  $n$  is the number of  
the deposited facing layers, should be strictly maintained. Facing by moving the  
electrode instead of the workpiece produced better bead formation at electrode  
travel speeds well above 40 m/hr. The metal deposition rate ( $v_d$ ) depends on the  
electrode travel speed ( $v_t$ ) and is expressed by the formula  $v_d = v_t/n$ , where  $n$  is  
the number of deposited layers. Block-sequence facing requires high-melting fluxes  
with low electric conductivity. The best results were obtained with AN-28 flux; a

Card 1/2

UDC: 621.791.92

SUBBOTSKAYA, R.M.

Use of PAS under outpatient conditions. Probl.tub. 37  
no.3:98-99 '59. (MIRA 12:6)

1. Iz Kazakhskogo nauchno-issledovatel'skogo instituta tuber-  
küleza (dir. G.M.Varshavskiy).  
(TUBERCULOSIS, ther.  
PAS, in outpatient serv. (Rus))

SUBCHANINOV, V. G., Cand Phys-Math Sci -- (diss) "Stability of rods as elements of structures at the limit of elasticity." Moscow, 1960. 6 pp; (Academy of Sciences USSR, Moscow State Univ im M. V. Lomonosov); 150 copies; price not given; bibliography on pp 5-6 (18 entries); (KL, 25-60, 126)

STOIANOV, V., inzh.; SUBCHEV, B., inzh.

Bulgarian fast PCH-75 hammer drill. Min delo 16 no.12:5 '61.

1. Zavod 13, Kazanluk.

(Hammer) (Mining machinery)

*SUM 148*

"Antiautomatic Protection in the Artillery," by Lt Col I. Subchev,  
Candidate of Military Sciences, Problemy Ispol'zovaniya Atomnoy  
Energii (Problems of the Use of Atomic Energy), Moscow,  
Voyennoye Izdatel'stvo Ministerstva Oborony Soyuza SSR, 1956,  
pp 456-464

Describes protective engineering measures to be applied to protect  
an artillery firing position, command and observation posts, personnel  
shelters, and shelters for tractors, vehicles, and supplies from atomic  
attack. Measures described provide protection against shock wave, light  
radiation, ionizing radiation, and RW agents. Decontamination procedures  
are also mentioned. (U)

*SUM 148*

SUBCHEV, P.

Controlling the smoothness of surfaces by the comparative method.  
p. 32. Vol. 5, no. 3, 1956

TEZHKA PROMISHLENOST, SOFIYA, BULGARIA.

Source: East European Accessions List, Library of Congress. (EEAL)  
Vol. 5, No. 10. Oct. 1956.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBCHEV, P.: PARARINSKI, P.: DRAGANOV, V.

"The effect of the temperature deformations of the exterior-polishing machine on the precision of the worked parts"

Tezhka Promishlenost. Sofia, Bulgaria. Vol. 8, no. 1, Jan., 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclassified

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SURCHIN, P.; PATAKSKI, P.; DRAGANOV, V.

Measures for limiting the temperature deformation of the external polishing machines. p. 18

PEZHEK PROMISHLENOST. (Ministerstvo na tezhkata promishlenost) Sofija,  
Bulgaria, Vol. 1, No. 7, July 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 12,  
December 1959  
Encl.

SUBCHEV, Petur, inzh.

Current trends in the construction of metal-cutting tools.  
Tekhnika Bulg 13 no. 2: 5-8, 12 '64.

1. Machinery and Electrotechnical Institute.

I. 34139-66

ACC NR: AP6026029

SOURCE CODE: GE/0005/66/000/001/0012/0014  
*(UR)*7  
B

AUTHOR: Ponomarew, I. F.; Gratschjan, A. N.; Subechin, A. P.

ORG: Department of Binder Technology, Polytechnic Institute, Novocherkassk

TITLE: Consistent effects in the influencing of the formation process of white Portland cement clinker in the presence of mineralizers

SOURCE: Silikattechnik, no. 1, 1966, 12-14

TOPIC TAGS: cement, anion, cation, crystallization

ABSTRACT: [German translation (by FRAHN, H., in Berlin) of a Russian-language article] Tests were conducted to establish the consistent effects of the cations (Be, Mg, Li, Na, K), of the anions (SiF<sub>6</sub>, F, SO<sub>4</sub>, Cl), and of the cations and anions in various combinations with each other on the formation of white Portland cement clinker. The ions investigated form parts of conventional mineralizers. The findings indicated that, in general, the most effective mineralizers are those which combine a cation of relatively low electronegativity and an anion of relatively high electronegativity. Sodium hexafluorosilicate contributes to the formation of a very fine crystalline structure.

Orig. art. has: 2 figures and 2 tables. [JPRS: 35,328]

SUB CODE: 11, 07, 20 / SUBM DATE: none / ORIG REF: 013 / OTH REF: 001

Card 1/1

UDC: 666.942.82  
*077 1055*

EXCERPTA MEDICA Sec 5 Vol 12/11 General Path. Nov 59

3528. A CASE OF TUMOUR OF RATHKE'S POUCH REACHING UP TO THE POSTERIOR CAVITY OF THE SKULL MAKING A NICHE IN THE CEREBELLUM - Rzadki przypadek guza kieszonki Rathkego sięgającego az do tylnej jamy czaszkowej i wygniącego niszcz w mózdku - Subczyński J. Klin. Neurochir. A.M., Poznań - NEUROL. NEUROCHIR. PSYCHIAT. POL. 1958, 8/2 (243-248) Illus. 5

This is the first report on a tumour of Rathke's pouch, extending to the posterior cavity of the skull. It occurred in a 7-year-old boy, who died at the age of 9. Autopsy revealed a cyst of Rathke's pouch extending to the chiasma. The cyst had expanded along the cerebral base via the pedunculi, pons and medulla oblongata and formed a nut-sized tumour in the right pontocerebellar angle. A cyst of 4x4 cm. was found in the left side in the pontocerebellar angle. The latter cyst made a deep impression in the left cerebellar hemisphere. In the central and posterior part of the left lateral ventricle the capsule of the tumour was visible, which had vaulted the wall of the ventricle; the capsule of the tumour had penetrated between the frontal and parietal lobes. The brain stem had been moved far to the right by the tumour. A cavity was also found in the left cerebellar hemisphere, about 1.5 cm. in depth and about 4 cm. in width.

Korzeniowski - Warsaw (VIII, 5, 16)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

MEMPEL, Eugeniusz; SPEBRZYNSKA, Jadwiga; SUBCZYNSKI, Janusz; ZARSKI, Stefan

Compensation of speech disorders by the non-dominant hemisphere in  
adult age. Rozpr.wydz.nauk med. 6 no.2:109-128 '61.

1. Z Zakladu Neurochirurgii Polskiej Akademii Nauk Kierownik: prof.  
dr med. Lucjan Stepień.

(SPEECH DISORDERS physiol) (BRAIN dis)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBCZYNSKI, Janusz

Disorders of reproduction of compound numerical sequences in focal  
lesions of the brain. Rozpr.wydz.nauk med. 6 no.2:181-201 '61.

1. Z Zakladu Neurochirurgii Polskiej Akademii Nauk Kierownik: prof.  
dr med. L. Stepień.

(BRAIN dis) (THINKING)

SUBCZYNSKI J.

Discusses the production of rhythmic patterns in focal brain lesions.  
Rozprawy z. nauk med. C. no. 2:227-242 '61.

1. Z Zakladu Neurochirurgii Polskiej Akademii Nauk Kierownik: prof.  
dr med. Lucjan Stepień.

(BRAIN dis) (THINKING)

SUBCZYNSKI, Janusz

On the correlation of clinical symptoms in tumors of the posterior  
cranial fossa in children. Neurologia etc. polska 11 no.1:81-94  
Ja-F '61.

1. Z Kliniki Neurochirurgii AM w Warszawie Kierownik: prof. dr  
J. Chorobski.

(BRAIN NEOPLASMS in inf & child)

SUBCZYNSKI, Janusz

Pathogenesis of radiological changes caused by increased intracranial pressure in children with tumors of the posterior cranial fossa. Rozpr. wydz. nauk med. 7 no.2:69-110 '62.  
(INTRACRANIAL PRESSURE) (BRAIN NEOPLASMS)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SKRAMTAYEV, B., professor; SUBENKIN, P., detaent.

Cements used in construction. Stroitel' 2 no.3:26 Mr '56.  
(Cement) (MLRA 9:12)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

✓ C.I.A. 1960  
✓ D.L. 1960  
  
Lyon assigned agents at Paris, both French and CIA, were  
V. Sotell and J. Salbert (Marseilles). Mated 11 persons.  
Personnel included: 1. Agent 1, 2. Agent 2, 3. Agent 3, 4. Agent 4,  
5. Agent 5, 6. Agent 6, 7. Agent 7, 8. Agent 8, 9. Agent 9, 10. Agent 10,  
11. Agent 11. All agents were French.  
Agents were quite sensitive to the effects of double espionage. They had  
been ordered from frequent repositioning of their stations. The  
agents were also given the go-ahead to conduct their own  
intelligence operations if they so desired. Several of the agents  
had been assigned to the same station for long periods of time.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

GOKCEN, Niedimir, TAT, 01000, Ankara

Equipment for measuring hydrazine insulation resistance  
Sbor vaku elekrotechn 1:65-75 164.

I. Research Institute of Vacuum Electrical Engineering, Irkutsk

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBERT, Miloslav, Dr.

Tyrothricin in therapy of vaginal discharge during pregnancy.  
Cesk. gyn. 22[36] no.4:260-263 May 57.

1. III. por. klinika KU, prednosta prof. Dr. Rudolf Peter,  
doktor lekarskych ved.

(ANTIBIOTICS, ther. use  
tyrothricin in vaginal discharge during pregn. (Cz))

(VAGINA, dis.

discharge in pregn., ther., tyrothricin (Cz))

(PREGNANCY, compl.

vaginal discharge, ther., tyrothricin (Cz))

SUBERT, Miloslav.

Treatment of a severe case of afibrinogenemic labor syndrome. Cesk.  
gyn. 23[37] no.6:494-496 Aug 58.

1. III. porod. klinika KU v Praze, prednosta prof. Dr. R. Peter,  
doktor lekarskych ved. III. por. gyn. klin. KU, Praha.

(LABOR, compl.  
afibrinogenemia, ther. (Cz))  
(AFIBRINOGENEMIA, ther.  
in labor, case report (Cz))

SUBERT, M.; TRAPL, J.; ZALOUEK, M.

Epidemiology of genital discharges in adults. Cesk. gym. 26[40]  
no.4:252-254 '61.

l. III. gyn-por. klinika KU v Praze, prednosta prof. R. Peter, Dr.Sc.

(LEUKORRHEA epidemicol)

FANTOVA, B.; PETRU, M.; SUBERT, M.; ZAVADIL, M.

Discharges in adults. Special diagnosis, technic of sampling and documentation. Cesk. gym. 26[40] no.4:255-259 '61.

1. I. Gynaekologicko-porodnicka klinika fakulty vseobecneho lekarstvi  
KU v Praze Parazitologicke oddeleni KU v Praze III. porodnicka klinika  
fakulty detskeho lekarstvi v Praze.

(LEUKORRHEA)

SUMURY, Z.

Measuring the temperature of sheet metal during tempering in a tunnel furnace. p.313. ENERGETIKA. (Ministerstvo paliv a energetiky. Hlavni sprava elektruren) Praha. Vol. 5, no. 5, May 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress,  
Vol. 4, No. 12, December 1955

SUBERT, Z.

SUBERT, Z. International Exhibit of Technical Literature. p. 69.

Vol. 7, no. 2, Feb. 1957

HUTNIK

TECHNOLOGY

Czechoslovakia

Sc: East European Accession, Vol. 6, No. 5, May 1957

PRADAC, J.; KOLOUSEK, J.; SUBERTOVA, M.

On a method for the investigation of slating-out processes. Sborn.  
lek. 62 no.6:160-172 1960.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi University  
Karlovych v Praze, prednosta doc. dr. Z. Dienstbier.  
(BLOOD PROTEINS chem.)  
(CHEMISTRY ANALYTICAL)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBERTOVA, Sylva, inz.; KRACIK, Jiri, doc., inz., kandidat  
technickych ved

Plasma physics from the mercury rectifier to the thermo-  
nuclear reactor. El tech obzor 52 no.7:381-382 Jl '63.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBERTOVA, S.; KRACIK, J.

Acoustic waves in the presence of staying layers in glow  
discharge. Chekhosl fiz zhurnal 14 no.1:72-73 '64.

1. Department of Physics, Electrotechnical Faculty, Prague.

ACC NR: AP7006075

SOURCE CODE: CZ/0055/66/000/011/0905/0906

AUTHOR: Subertova, S.

ORG: Electrotechnical Faculty, Czech Technical University, Prague

TITLE: Damping of acoustic waves in the positive column of a low-pressure discharge

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, no. 11, 1966, 905-906

TOPIC TAGS: acoustic wave, electric discharge, photomultiplier, photomultiplier tube, electrode, low pressure discharge

ABSTRACT: Some experimental results are given of measuring the damping of an acoustic wave. The damping of an acoustic wave was measured in two places by means of a mobile photomultiplier along the discharge tube. The measuring method is described. The experimental results indicate that the value of the damping of an acoustic wave depends on the direction of propagation of the wave with respect to the polarity of the electrodes and on the d-c discharge current. It is concluded that very sensitive and exact measuring methods will be necessary for a profounder

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ACC NR: AP7006075

qualitative analysis of the absorption of an acoustic wave in a partially ionized medium. The author thanks Professor Kracik for valuable remarks and P. Slovak for his aid in carrying out the experimental work. Orig. art. has: 1 figure.

[KS]

SUB CODE: 09/SUBM DATE: 01Feb66/ORIG REF: 001/OTH REF: 003/

Card 2/2

SUBEV, Dimitur, inzh. nauchen sutrudnik

A new type of coupling for looms. Tekstilna prom 12 no.4:  
11-14 '63.

1. Nauchnoizsledovatelski institut za trikotazhna promishlenost,  
Sofiia.

SUBEV, Dimitur, inzh., nauchen sutrudnik; SARUIVANOV, Apostol,  
nauchen sutrudnik

Testing the Stema-175-1 loom for woolen fabrics. Tekstil  
prom 13 no. 3:11-16 '64.

1. Scientific Research Institute of the Textile Industry,  
Sofia.

SHAFIV, I.

"How Long Will Labor Protection be the Least Responsibility of Some  
Administrators?" p. 3,  
(ZDRAVEN FRONT, No. 51, Dec. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEL), LC, Vol. 4  
No. 5, May 1955, Uncl.

SUBEV, L.

On the works published in Khidrologia i meteorologija and Izvestiia na BAN on the changing of the wind in altitude under condition of a changeable coefficient of the vertical turbulent exchange. p. 68.  
(Khidrologia I Meteorologija, No. 5, 1956, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

SUBEV, L.

SCIENCE

Periodical: KHIDROLOGIIA I METEOROLOGIIA. No. 4, 1958

SUBEV, L. Concerning the utilization of some statistical methods in  
biometeorology. p. 78.

Monthly List of East European Accessions (EEAL), LC. Vol. 8, No. 2  
February 1959, Unclass.

SUBEV, L.

"Climatic regions in Bulgaria and their climate."

KHIDROLOGIJA I METEOROLOGIJA, Sofiia, Bulgaria, No. 3, 1959.

Monthly List of East European Accessions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

SUBEV, L.

Climatology in the Hydrometeorological Service of the People's Republic of Bulgaria  
during the last 15 years. p. 11

KHIDROLOGIJA I METEOROLOGIJA. (Ministerstvo na zemedelieto. Khidrometeorologichna  
sluzhba) Sofja, Bulgaria, No. 4, 1959

Monthly List of East European Accessions (EEAI), IC, Vol. 8, No. 12,  
December 1959  
Uncl.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBEV, Liuben; KUCHUKOVA, Mariia

Evaporation from water surface determined by the A.P. Braslavskiy  
and Z.A. Vikulina method. Khidrotekh i melior 7 no.8:240-243 '62.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

KHERSHKOVICH, E.; SUBEV, L.

Tasks of the Meteorologic and Climatologic Sections relative  
to the resolutions of the 8th Congress of the Bulgarian  
Communist Party. Khidro i meteorolog no.2:3-8 '63.

1. Chlen na Redaktsionnata kolegiia, "Khidrologiia i  
meteorologija" (for Khershkovich).

SUBEV, L.; STANEV, Sv.; BOZHKOV, R.

Conditions of late-spring and early-autumn frosts in  
Bulgaria. Trud Inst khidro meteor no.15:45-112 '63.

1. Redaktori, "Trudove na Instituta po khidrologija i  
meteorologija" (for Subev and Stanev)

series, Zalivomostovo, Vol. 16, No. 4, April 1962 (continued)

Mixed in a carbonate-phosphate Mixture Agent, "Between TOLY and Lubomir, Director and  
Bogach (respectively) at the dried impregnation  
action in Puridamy: Pj 40-42.

II. Organizing the Procurement and Placement of Skills,"  
Molotok Series; pp. 43-44.

— 2/2 —

(3)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

NIKOLOV, Em., inzh.; SUBEV, P. inzh.; MIKHAILOV, Vl., inzh.

Standardized feeding units for metal-cutting tools. Mashino-stroene 12 no. 6:11-15 Je'63.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBEV, P., inzh.; MIKHAILOVA, V., inzh.

Typification of one-armed suspension cranes. Ratsionalizatsiya 14  
no.11:30-33 '64.

1. Institute of Hoisting and Conveying Machinery, Sofia.

SUZEVA, D.

Bulgaria

Academic Degree not given

Scientific Research Institute for Pediatrics (Nauchno-  
izsledovatelski institut po pediatriya); director:  
St. KOLAROV.

Sofia, Pediatriya, supplement of Suvremenna Meditsina,  
No 3, 1962, pp 38-44.

"Inflammation of the Umbilicus in Prematurely Born  
Infants"

SUBEVA, I.

"Protection of Labor in the Institute for Specialization of Physicians." p. 3,  
(ZDRIVE FRONT, No. 41, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EAL), 1C, Vol. 4  
No. 5, May 1955, Uncl.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBEVA, M.

Breeze along the Bulgarian Black Sea coast. Trud Inst  
khidro meteor no.15:113-137 '63.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBEVA, R.

Effect of fear on electrocardiographic changes in dogs. Suvrem.  
med., Sofia 5 no.4:21-27 1954.

1. Iz Instituta po patofiziologii pri Meditsinskata akademija  
V.Chervenkov, Sofiia (direktor: dots. St.Pisarev)  
(FEAR, effects,  
on ECG in dogs)  
(ELECTROCARDIOGRAPHY,  
eff. of fear in dogs)

SUBEVA, R. I.

Electrocardiographic changes in dogs following venous administration of adrenalin; positive findings on synergism of extracardiac nerve. Suvrem.med., Sofia 5 no.10:66-78 1954.

1. Iz Katedrata po patologichna fiziologii pri Med. akademiiia  
V. Chervenkov. (direktor: red.doc. St. Pisarev).

(ELECTROCARDIOGRAPHY,

eff. of epinephrine in dogs, intravenous admin.)

(EPINEPHRINE, effects,

on ECG in dogs, intravenous admin.)

KIPROV, D., kand. na med. nauki; SUBEVA, R.

Experimental aortitis with aneurysm and rupture of the aorta in  
dog. Suvrem.med., Sofia 6 no.3:102-106 1955.

1. Iz katedrata po patofiziologii pri Visshiia meditsinski institut  
V.Chervenkov - Sofia (direktor: red. dots. St.Pisarev)  
(AORTA, diseases,  
exper. inflamm. with aneurysm & rupt. in dogs)

SUBEVA, R. I.

Functional significance of a central nervous system disorder induced by interference of two unconditioned reflexes in experimental myocarditis. I. Suvrem. med., Sofia 7 no.9: 54-63 1956.

1. Iz Katedrata po patologichna fiziologia pri VMI - Sofia (Zav. katedrata: prof. St. Pisarev).

(MYOCARDITIS, exper.

aggravation by CNS disord. induced by interference of two unconditioned reflexes in puppies)

(REFLEX

unconditioned, interference of two reflexes causing CNS disord. aggravating exper. myocarditis in puppies)

(CENTRAL NERVOUS SYSTEM, dis.

exper., caused by interference of two unconditioned reflexes & aggravating exper. myocarditis in puppies)

SUBEVA, R.I.

Experimental neurosis in dogs and its role in myocarditis. II.  
Suvrem. med., Sofia 8 no.2:49-61 1957.

1. Iz Kadrata po patologichna fiziologiia pri VMI -- Sofiia  
(Zav. katedrata: prof. St. Pisapev)

(NEUROSIS, experimental,  
eff. on myocarditis in dogs (Bul))  
(MYOCARDITIS, experimental,  
eff. of neuroses in dogs (Bul))

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBKVA, V.  
Vitamin B<sub>12</sub> Farmatsia 4 no.1:18-19 Ja-F '54.  
(VITAMIN B<sub>12</sub>.)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBEVA, V.

KOZHUKHAROV, P.; SUBEVA, V.

Rapid and simple method of titrimetric examination of exactness  
and correction of medical laboratory vessels and appliance for  
determination of volume of fluids. Farmatsiia, Sofia 4 no.3:  
23-29 May-June 54.

(TECHNOLOGY, MEDICAL,  
exam. of exactness & correction of vessels & appliance  
for determ. volume of fluids)

KOZHUKHAROV, P.; SUBEVA, V.

Micromethod of determination of sugar in 0.02 cc of the blood.  
Farmatsiya, Sofia 4 no. 6:23-29 1954.

1. Nauchno-Izsledovatelski institut po farmatsiia.  
(BLOOD SUGAR, determination,  
micromethod in 0.02 cc of blood)

COUNTRY	: BULGARIA
CATEGORY	: Chemical Technology. Chemical Products and Their Applications. Pharmaceuticals. Vitamins.*
ABS. JOUR.	: RZKhim., No. 23 1959, No. 83254
AUTHOR	: Popdimitrov, K.: Subeva, V.
JOURNAL	: ~
TITLE	: Study of Derivation of Trypsin
ORG. PUB.	: Tr. N-i. in-t farmatsiya, 1957, 1, 144-146
ABSTRACT	: Autocatalysis of pancreas gland in the presence of 1% CaCl <sub>2</sub> leads to the derivation of active amorphous trypsin (4.8-5.6 gr yield per 1kg of pancreas gland). The product is usable for medicinal purposes.
*Antibiotics.	
CARD:	1/1

SUBEVA V.

- otia, Farmacia, Vol 11, No 3, May-June 1961

"Forty Years Since the Institut Commissariat à l'Énergie Atomique: A Review," National Medical and Sanitation Directorate, V, Commissariat à l'Énergie Atomique, Paris, 1961.

1. "Pharmaceutical Form of Tetracycline Hydrochloride," G. SHERZER and E. WILHELM, Chemistry, Research Institute of Pharmaceutical Chemistry, pp 9-13 (English Summary).

2. "Effect of L. ZINKEVICH," pp 23-25 (English Summary).

3. "Pharmacodynamics and Toxicology of Allium ursinum," A. DUDOVIC, Department of Pathophysiology, Institute of Experimental Medicine, Academy of Sciences of the USSR, Chairman Prof. V. E. BELYAYEV and I. V. KARASIK, Vice-Chairman Senior Research Associate A. DUDOVIC, pp 13-21.

4. "Quantitative Determination of Potassium in Pharmaceutical Preparations," J. C. PHAM, Chairman T. P. LICHNEROWICZ and J. C. PHAM, School of Industrial Food Technology and Chemical Technology, Faculty of Pharmacy, Moscow Institute of Technology, pp 23-25.

5. "Antibacterial Activity, Antibiotic and Cytotoxic Properties of Prostaphorin and Amicillin," A. V. KONSTANTINOV, Soviet Institute of Pharmacology and Toxicology, Sov. Qu. Chem. Inst., Moscow, pp 23-25.

6. "VITAVON, A. S. SUZUKI, V. V. SOKOLOVSKY, Endocrinological Institute," Analysis of Prostaglandins by Gas Chromatography, pp 21-33 (English Summary).

7. "Method for Quantitative Analysis of Procaine Hydrochloride in Novocain Anesthetic Cream," Central Institute for State Control of Pharmaceutical Products, Director Proc. SV. BURINSKY, pp 3-30.

8. "Use of Ion Exchange to Determine Acidity of Glycerin Fluids," L. DANILOVICH and Z. KOMCHIK, pp 39-43 (English Summary).

9. "The Hospital Pharmacy," IV. HOSPITALS, Service Pharmacy-Infection Control, Ministry of National Health And Sanitation Care, pp 44-49.

\* Translation not identified.

1. Radioactive-labeled insulin for diabetes.

2. Insulin for diabetes as a teratobiotic.

3. Insulin for diabetes as a sedative.

4. Insulin for diabetes as a diuretic.

5. Insulin for diabetes as a diuretic based on leucine and proline.

6. Specified insulins.

— 5 —

TOSHKOV, As.; IVANOV, V.; SUBEVA, V.; GANCHEVA, Tsv.; RANGELOVA, St.; TONEVA,  
V.

Antibacterial, antiviral, antitoxic, and cytopathogenic properties  
of protoanemonins and anemonins. Trud Khim-farmatsevt inst 4:78-79  
'63.

RUZICIC, Uros, prof. dr.; BRAJEVIC, Cetko, dr.; SUBIC, Misa, dr.; SOKOLOVIC,  
Slobodan, dr.

Psychological factors and milk production in breast feeding. Med.  
glasn. 14 no.10:480-481 0 '60.

1. Stacionar za prevremeno rodenu decu u Beogradu (Upravnik: dr  
M. Subic).

(BREAST FEEDING psychol)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBIC, Misa; SUBIC-CERNEKA, Zmagoslava

Hypothermia and scleredema in premature infants. Srpski arh.  
celok. lek. 93 no.3:261-265 Mr ' 65.

1. Stacionar za prevremeno rođenu decu u Beogradu (Upravnik:  
prim. dr. Zlatija Vukcević).

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBIC, M.; SUBIC-CERNEKA, Z.

The problem of atelectasis in premature infants. cesk. pediat. 20  
no.3:301-304 Mr '65

1. Stationär für Frühgeborene, Beograd.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

YUGOSLAVIA

SUBIC, Misa; and SUBIC-CERNEKA, Zmogoslava; Speical Nursery for Prematures (Stacionar za prevremeno rodjenu decu) Head (Upravnik) Primarius Dr Zlatija VUKCEVIC, Belgrade.

"Hypothermia and Scleredema in Prematures."

Belgrade, Srpski Arkhiv za Tselokupno Lekarstvo, Vol 93, No 3, Mar 65; pp 261-265.

Abstract [German summary modified] : Of 232 ill premature neonates, 128 had hypothermia alone, 104 also had scleredema; mortality among these three groups was 110 (i.e. both groups together), 49, 61. Thus prognosis depended on other factors such as primarily body weight, lighter babies being better able to survive. Two tables, 3 Yugoslav, 6 Soviet and 6 Western references; ms rec 13 Feb 64.

1/1

- 55 -

Stacionar za prevrema

b. - age of premature infant weighing 260 gr. Sprekli arh. celok.  
Dok. 92 no. 11115-1117 N° 64.

1. Stacionar za prevrema rođenu decu u Beogradu (Upravnik:  
dr. dr. M. Želatić Vuković).

SUBIC, M.; SUBIC-CERNEKA, Z.

The problem of atelactasis in premature infants. cesk. pediat. 20  
no.3:301-304 Mr '65

l. Stationär für Frühgeborene, Beograd.

SUBIC, Misa; SUBIC-CERNEKA, Zmagoslava

Hypothermia and scleredema in pregnature infants. Srpski arh.  
celok. lek. 93 no.3:261-265 Mr ' 65.

1. Stacionar za prevremeno rodjenu decu u Beogradu (Upravnik:  
prim. dr. Zlatija Vukcevic).

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBIETA, Marian

Remarks on Lower Silesian graphite shells. Przegl geol 8 no.10:  
532-533 O '60. (EEAI 10:9)

(Silesia--Graphite)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBIK, Emilian, inz.

Wood, the basic material for the pulp and paper industry.  
Papir a celulcsa 17 no.11:237-239 N '62.

1. Vyskurny ustav papieru a celulozy, Bratislava.

SUBIK, Emilian, inz.; SZANTO, Erich

Requirements of the United States cellulose and paper industry  
in the light of prospective studies. Papir a celulosa 19  
no. 6:176,179-180 Je '64.

1. Research Institute of Paper and Cellulose, Bratislava.

SUBIK, J.

Activities of petroleum engineers and technicians during the 15 years of  
People's Poland. P.20

PRZEGLAD TECHNICZNY. (Naczelna Organizacja Techniczna) Warszawa, Poland  
Vol.80, no.41, Oct. 1959

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1960.

Uncl.

S/169/63/000/001/060/062  
D263/D307

AUTHORS: Plewa, St., Subik, J. and Kostecki, A.

TITLE: Modeling resistance curves by means of an integrator

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1963, 35,  
abstract 1D195 (Nafta (Polska), 1962, 18, no. 8,  
'Biul. Inst. Naftow', v. 12, no. 4, 7 (Pol.))

TEXT: Many physical effects may be modeled with the aid of electrointegrators. Resistance curves for a three-layer section with constant parameters were modeled, to see whether the electro-integrator could be applied in geophysical prospecting, and were compared with the curve obtained from measurements in a bore hole. An example of such a comparison is given. It is considered that electrointegrators may be used for both the construction of grids for electrical logging and in the solution of problems encountered in geophysical prospecting.

[Abstracter's note: Complete translation]

Card 1/1

SUBIK, Emilian, inz.

Development of pulp production in Finland, 1960-1963. Papir a  
celulosa 19 no.12:321, 329 D '64.

1. Research Institute of Paper and Cellulose, Bratislava.

BLEJVAS, I.M.; LUKOSKOV, V.S.; MESTECKIN, Ja.I.; CHOMIC, V.B.; SEREL, L.A.;  
SUBIN, L.V.

Solution of problems of electron optics and high-frequency  
electronics by mathematical model methods. Cs cas fys 12  
no.5/6:439-446 '62.

1. Vybor pro elektronovou techniku, Moskva.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBIN, S. F.

Outlook of the technology of preparation of pharmaceutical formulas  
in socialized medicine. Cas. cesk lek. 63 no.20:245-247 31 Oct 50.  
(CML 20:4)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBINICOV, A.

"Can A Crystal Be Isotropic and Anisotropic At The Same Time?" p. 9. ANALELE ROMANO--  
SERIA MATEMATICA—FIZICA. Series a III-a, v. 6, no. 1, 1953, Bucurest, Romania.

SO: Monthly List of East European Accessions, L.C. Vol. 2, No. 11, 1953, Uncl.

(3)

CZECHOSLOVAKIA

HIRIVNAK, J; STOTA, A; DOLAZAL, J; SUBINOVÁ, A.

Research Institute of Agrochemical Technology (Forschungs-  
institut fuer agrochemische Technologie), Bratislava  
(for all)

Prague, Collection of Czechoslovak Chemical Communications,  
No 10, 1965, pp 3272-3277

"Gas Chromatographic Determination of Chloroformic Acid  
Alkylesters."

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBKHANBERDIN, S. Kh.

Subkhanberdin, S. Kh. "30 years of Soviet pharmacy,"  
Zdravookhraneniye Kazakhstana, 1949, No. 1, p. 3032.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBKHANBERDIN, S.

Pharmacy in Kazakhstan during the sixth five-year plan. Apt.delo  
5 no.5:6-8 S-0 '56. (MLRA 9:11)

1. Nachal'nik Glavnogo aptechnogo upravleniya Ministerstva zdravo-  
okhraneniya Kazakhskoy SSR.  
(KAZAKHSTAN—PHARMACY)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBKHANBERDIN, S.Kh.

Pharmacy in Kazakhstan during the sixth five-year plan. Zdrav. Kazakh.  
16 no.8:44 '56. (MLPA 10:1)  
(KAZAKHSTAN--PHARMACY)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBKHANBERDIN, S.

Pharmacy in Kazakhstan on the 40th anniversary of the Great October Revolution. Apt.delo 6 no.6:3-8 N-D '57. (MIRA 10:12)

1. Nachal'nik Glavnogo aptechnogo upravleniya Ministerstva zdravookhraneniya Kazakhskoy SSR.  
(KAZAKHSTAN--PHARMACY)

GUMAROVA, F.G.; GOSTEVA, A.G.; TULEGENOV, Z.K.; MAKASHEVA, S.U.; POLOSUKHIN, A.P.; MUSABEKOV, A.M.; DANILOV, Yu.S.; NIGMATULIN, M.A.; ZAKHAROV, F.G.; LUZINA, Z.T.; NEZESOV, T.I.; STASYUNAS, I.P.; ISABEKOV, O.I.; SARSENBAYEVA, K.; KATSYURA, V.T.; LENOVSKIY, A.S.; AKHMEDOV, K.Yu.; SUBKHANBERDIN, S.Kh.; KISLITSINA, N.P.; POLIKARPOV, S.V.; ZAIROV, K.S.; APSATAROV, A.; NOPOSEL'TSEV, V.N.; PETROV, N.N.; KHOMUTOV, M.V.; GALUSTYAN, A.S.; ARTYKOV, A.Ye.; DZHANDIL'DIN, N.D.; KOVRIGINA, M.D.; BHYSEBAYEV, N.; BUBLIK, V.N.; CHERNYSH, A.M.

Discussion on the report of S.R.Karynbaev, Minister of Public Health of the Kazakh S.S.R., on the status and improvement of medical care. Zdrav.Kazakh. 17 no.4/5 '57. (MIRA 12:6)

1. Zav. Alma-Atinskym oblastnym zdravotdelom (for Gumarova).
2. Vrach bol'nitsy g.Leninogorska Vostochno-Kazakhstanskogo obldzdravotdela (for Gosteva). 3. Zav. Karagandinskym oblastnym otdelom zdravookhraneniya (for Tulegenov). 4. Zav.Kzyl-Ordinsky oblastnym otdelom zdravookhraneniya (for Makasheva). 5. Vitse-prezident AN KazSSR (for Polosukhim). 6. Zav.Aktyubinskym oblastnym otdelom zdravookhraneniya (for Musabekov) 7. Ministr zdravookhraneniya Kirgizii (for Danilov).

(Continued on next card)

GUMAROVA, F.G.----(continued) Card 2.

8. Zav.Vostochno-Kazakhstanskim oblastnym otdelom zdravookhraneniya (for Migmatulin). 9. Chlen kollegii Ministerstva zdravookhraneniya SSSR (for Zakharov). 10. Zav.Kustanayskim oblastnym otdelom zdravookhraneniya (for Luzina). 11. Ministr zdravookhraneniya Turkmeneskoy SSR (for Nepesov). 12. Zav.sel'skim vrachebnym uchastkom Priirtyshskogo rayona Pavlodarskoy oblasti (for Stasyunas). 13. Glavnnyy vrach Kapal'skoy rayonnoy bol'nitsy Taldy-Kurganskoy oblasti (for Isabekov). 14. Zav. zhenotdelom Yuzhno-Kazakhstanskogo obkoma partii (for Sarsenbayeva). 15. Zav. Dzhambulskim oblastnym otdelom zdravookhraneniya (for Katsyuha). 16. Glavnnyy vrach Alma-Atinskogo oblastnogo tuberkuleznogo dispansera (for Lenovskiy). 17. Ministr zdravookhraneniya Tadzhikskoy SSR (for Akhmedov). 18. Nachal'nik Kazaptekompravleniya (for Subkhanberdin).

(Continued on next card)

GUMAROVA, F.G.----(continued) Card 3.

19. Zav. Semipalatinskym oblastnym otdelom zdravookhraneniya (for Kisiltsina).
20. Predsedatel' respublikanskogo komiteta soyuza medrabitnikov (for Polikarpov).
21. Zam. ministra zdravookhraneniya Uzbekskoy SSR (for Zairov).
22. Zav. Alma-Atinskim gorodskim otdelom zdravookhraneniya (for Apsatarov).
23. Zav. Severo-Kazakhstanskim oblastnym otdelom zdravookhraneniya (for Novosel'tsev).
24. Zav. rayzdravotdelom Shortandin-skogo rayona Akmolinskoy oblasti (for Petrov).
25. Zav. ministra zdravookhraneniya Soyusa SSR (for Khomitov).
26. Zav. ministra zdravookhraneniya ArmSSR (for Galustyan).
27. Predsedatel' Komiteta fizicheskoy kul'tury i sporta pri Sovete Ministrov KazSSR (for Artykov).
28. Sekretar' TSentral'nogo Komiteta Kommunisticheskoy partii Kazakhstana (for Dzhandil'din).
29. Ministr zdravookhraneniya Sovetskogo Soyuza (for Kovrigina).
30. Pervyy zamestitel' predsedatelya Soveta Ministrov KazSSR (for Beysebayev).
31. Uchastkovyy vrach Kustanayskoy oblasti (for Bublik).
32. Zam. predsedatelya Obshchestva Krasnogo Kresta Kazakhstana (for Chernysh).

(KAZAKHSTAN--PUBLIC HEALTH)

SUBKHANBERDIN, S.

Pharmaceutics in Kazakhstan. Zdrav.Kazakh. 17 no.10/11:  
32-37 '57. (MIRA 12:6)

1. Nachal'nik Kazglavaptekoupravleniya.  
(KAZAKHSTAN--PHARMACY)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

SUBKHANBEEDIN, S.

Pharmacy in Kazakhstan for 40 years. Apt. delo 10 no.4:3-7 Jl-Ag  
'61. (MIRA 14:12)

1. Kazakhskoye Glavnoye aptechnoye upravleniye.  
(KAZAKHSTAN--PHARMACY)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBKHANBE'DIN, S.

Development of pharmacy in Kazakhstan. Zdrav. Kazakh. 21 no.6:12-17  
'61. (MIRA 15:2)

1. Nachal'nik Kazakhskogo glavnogo aptekoupravleniya.  
(KAZAKHSTAN PHARMACY)

GOL'DMAN, M.M.; ZHUCHKOV, N.D.; SOROKATYY, V.M.; SUBKHANBERDIN,  
S.Kh.; POTAICOV, V.M.; SHARIPOVA, M., red.

[New drugs, Novye lekarstvennye preparaty, Alma-Ata, Izd-  
vo "Kazakhstan," 1965. 371 p. (MIRA18:8)]

1. Zaveduyushchiy kafedroy farmatsevticheskikh distsiplin  
Alma-Atinskogo instituta usovershenstvovaniya vrachey (for  
Gol'dman).

DEMESHIEVA, G.A.; IVANCHIKOVA, E.I.; KRIVOSHAPKIN, M.A.; LEYCHIK, V.M.;  
OVSYANKINA, V.I.; FEOKTISTOVA, V.P.; TSINMAN, M.Z.; BEKKULOVA, S.N.;  
SUBKHANBERDINA, K.Kh.; RUBAKOV, P.I., laureat Stalinskoy premii,  
spetsial'nyy redaktor; BALANINA, O.V., kandidat sel'skokhozyaystven-  
nykh nauk, spetsial'nyy redaktor; SAKHAROVA, V.M., spetsial'nyy  
redaktor; KOSENKO, V.V., spetsial'nyy redaktor; ZHIZNEVSKIY, F.V.,  
otvetstvennyy redaktor; BURLACHENKO, L.A., redaktor; ALFEROVA, P.V.,  
tekhnicheskiy redaktor

[Experience of agricultural leaders of Kazakhstan; an annotated  
bibliography] Opyt peredovikov sel'skogo khoziaistva Kazakhskoi SSR;  
annotirovannyi ukazatel' literatury. Alma-Ata, 1955. 290 p. (MLRA 9:12)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. TSentral'naya nauchnaya  
biblioteka. 2. TSentral'naya nauchnaya biblioteka Akademii nauk  
Kazakhskoi SSR. (for Demesheva, Ivanchikova, Krivoshapkin, Leychik,  
Ovsyankina, Feoktistova, Tsinman)  
(Bibliography--Kazakhstan--Agriculture)

RU/JK

ACC NR:

AP6031053

(V)

SOURCE CODE: UR/0394/66/004/009/0027/0029

26

B

AUTHOR: Subkhankulov, A. A.; Fadeyev, Yu. N.

ORG: [Subkhankulov] Central Asian Scientific Research Institute of Phytopathology  
(Sredneaziatskiy nauchno-issledovatel'skiy institut fitopatologii); [Fadeyev] All-Union  
Scientific Research Institute of Phytopathology (Vsesoyuznyy nauchno-issledovatel'-  
skiy institut fitopatologii)

TITLE: Method for initial evaluation of the effectiveness of fungicide compounds

SOURCE: Khimiya v sel'skom khozyaystve, v. 4, no. 9, 1966, 27-29

TOPIC TAGS: fungicide, chemical compound, piriculariosis, blasticidin S, fizon,  
phenylmercuroacetate

ABSTRACT: In 1964-1965, various antibiotic compounds were tested for their  
antipiriculariosis effect. The results of primary evaluation of blasticidin-S anti-  
biotic and of phenylmercuroacetate are described. Both compounds proved to be  
highly effective. A 0.001% concentration of blasticidin-S and a 0.0025% concentra-  
tion (figon— 0.05%) of phenylmercuroacetate give almost complete protection from

Card 1/2

UDC: 632.911

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Card 2/2

CIA

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

FUKLEV, V.A.; OSAK, A.A.; SUBKHANKULOV, F.F.; TULYAGANOV, E.Kh.;  
KLEYMAN, N.M.

Operation of a basic gas cupola with a refractory bed charge.  
Lit proizv. no.6:35-36 Je '64. (MIRA 18:5)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2

FUKIEV, V.A.; OSAK, A.A.; SUBKHANKULOV, F.F.

Operation of a coke and gas cupola furnace. Lit. proizv. no.8:3-5 Ag  
'64. (MIRA 18:10)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653720005-2"

SUBKHANKULOV, M. A.

"Additive Properties of Several Series of Numbers." Cand Phys-Math Sci,  
Moscow State U, Moscow, 1953. (RZhMat, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

SUBKHANKULOV, M.A.

Studying two exponential series with arithmetically given coefficients.  
Uch. zap. Tadzh. un. 10:6-14 '57. (MIRA 10:11)  
(Functions, Exponential) (Numbers, Theory of)

SOV/44-58-4-2687

Translation from: Referativnyy zhurnal, Matematika, 1958,  
Nr 4, p 14 (USSR)

AUTHOR: Subkhankulov, M.A.

TITLE: Certain Asymptotic Formulas of Additive Number Theory  
(Nekotoryye asimptoticheskiye formuly additivnoy teorii  
chisel)

PERIODICAL: Uch. zap. Tadzh. un-ta, 1957, 10, pp 15-22

ABSTRACT: Asymptotic formulas are deduced for the number of  
solutions of the following equations:

$$n = x^2 + Q, \quad m = x^2 - Q, \quad n = p - Q,$$

where  $p$  is prime,  $Q$  is not a square number, and  $x$  is an integer with the condition  $p \leq X$ ,  $Q \leq x^2 \leq X$ .

We cite one of them. Let  $n > n_0$  be any natural number,  
 $n = n_1 n_2$ ,  $(n_1, n_2) = 1$

Card 1B

SOV/44-58-4-2687

## Certain Asymptotic Formulas (Cont.)

and  $n_2$  be the largest nonquadratic divisor of  $n$ ;  $(n/p)$  is the Jacobi symbol,  $p$  is prime;

$$\gamma = \begin{cases} 2/3 & \text{if } n \equiv 0, 1 \pmod{4}, \\ 4/3 & \text{if } n \equiv 2, 3 \pmod{4}. \end{cases}$$

Then for  $J(n)$  - the numbers of solutions of the equation  $n=x^2+Q$ , there exists the equality

$$J(n) = \frac{6\sigma n^{1/2}}{\pi^2} \tilde{\sigma}(n) + O(n^{1/3+\varepsilon})$$

$$\tilde{\sigma}(n) = \prod_{\substack{p|n \\ p \geq 3}} \left(1 - \left(\frac{n}{p}\right) \frac{1}{p^2-1}\right) \times \prod_{\substack{p|n_1 \\ p \geq 3}} \left(1 - \frac{1}{p+1}\right) \prod_{\substack{p|n_2 \\ p \geq 3}} \left(1 + \frac{1}{p^2-1}\right).$$

Card 2/3

SOV/44-58-4-2687

## Certain Asymptotic Formulas (Cont.)

The method of the article is based on the decomposition of functions

$$\psi(x) = \sum_{m=1}^{\infty} \mu^2(m) x^m$$

( $\mu(m)$  is a Moebius Function) for which the circle  $|x|=1$  is a natural bound, in a series of simple fractions.

The author mentions that this kind of series were studied for the first time by N.P. Romanov (Matem. sb., 1948, 23, 652) and are interesting, in particular, because they clearly show the character of the growth of the function, decomposed in a series, by approaching any of its singularities.

Reviewer's Note: The article contains many errors which make reading difficult.

A.F. Lavrik

Card 3/3

89031

S/044/60/000/009/001/021

C111/C222

/6.1000

AUTHOR: Subkhankulov, M.A.

TITLE: Investigation of the Generalized Theta Function

PERIODICAL: Referativnyy zhurnal. Matematika, 1960, No.9, pp.9-10,  
Abstract No.9946. Uch.zap.Tadzh. un-ta 1958, Vol.18, pp.27-38TEXT: The author states that for  $k \leq n^{1/\nu}$  it holds

$$(1) \sum_{m=-\infty}^{+\infty} \exp(-ym + \pi i \frac{a}{k} m^\nu) = 2k^{-1} y^{-1/\nu} \Gamma(1 + \frac{1}{\nu}) \sum_{l=1}^k \exp 2\pi i a k^{-1} l^\nu + R,$$

where  $n$  is an arbitrary natural number; the positive  $\tau$  depends on  $n$ ; the integers  $a$  and  $k$  are so that  $(a, k) = 1$ ,  $a \leq k < \tau$ ,  $y = n^{-1/\nu} k \alpha$ ,

$|\alpha| \leq o(k\tau)^{-1}$ ,  $|o| \leq 1$ ,  $\nu$  is a natural even fixed number. The remainder term  $R$  remained unestimated in the paper, i.e. the dependence of this estimation on  $n$  is not explained. A special case of the estimation for (1) is used for giving asymptotic formulas which express the number  $I(n)$  of representations of a natural  $n$  in the form

$n = x_1^2 + x_2^2 + x_3^2 + x_4^2$ , where  $x_1, x_2, x_3, x_4$  are integers. The representation

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of the number  $I(n)$  obtained in the paper is weaker than the well-known formulas of Jacobi.

[Abstracter's note: The above text is a full translation of the original Soviet abstract.]

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